

# MRPL39 Polyclonal Antibody

Catalog Number:E-AB-11406



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

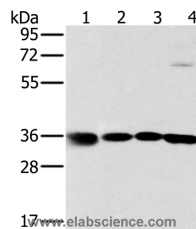
## Description

<b>Reactivity</b>	Human,Mouse
<b>Immunogen</b>	Recombinant protein of human MRPL39
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	PBS with 0.05% sodium azide and 50% glycerol, PH7.4

## Applications Recommended Dilution

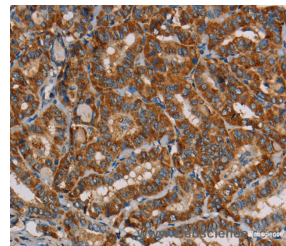
<b>WB</b>	1:1000-1:5000
<b>IHC</b>	1:50-1:200

## Data

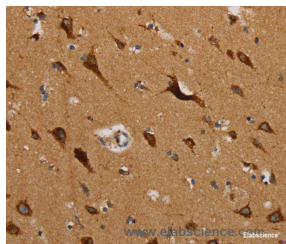


Western Blot analysis of 293T, K562, 231 and hela cell using MRPL39 Polyclonal Antibody at dilution of 1:600

**Calculated Mw:39kDa**



Immunohistochemistry of paraffin-embedded Human thyroid cancer using MRPL39 Polyclonal Antibody at dilution of 1:45



Immunohistochemistry of paraffin-embedded Human brain using MRPL39 Polyclonal Antibody at dilution of 1:45

## Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

## Background

Mammalian mitochondrial ribosomal proteins are encoded by nuclear genes and help in protein synthesis within the mitochondrion. Mitochondrial ribosomes (mitoribosomes) consist of a small 28S subunit and a large 39S subunit. They have an estimated 75% protein to rRNA composition compared to prokaryotic ribosomes, where this ratio is reversed.

## For Research Use Only

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Another difference between mammalian mitoribosomes and prokaryotic ribosomes is that the latter contain a 5S rRNA.

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